

ABSTRACT

The present invention includes various formulations of cellulosic/polymer composite materials. One embodiment of the present invention is a cellulosic/PVC composite material. This composite material may include at least one cellulosic filler in the amount of about 30% to 5 about 60% by weight and a PVC material in the amount of about 40% to about 70% by weight. The PVC material may include about 1 to about 10 parts stabilizer(s) per 100 parts of the PVC resin, about 2 to about 12 parts lubricant(s) per 100 parts of the PVC resin, and about 0.5 to about 8 parts process aid(s) per 100 parts of the PVC resin. Another embodiment of the present invention is a cellulosic/polypropylene composite material. This composite material is comprised of at least one cellulosic filler in an amount of about 30% to about 70% by weight and a polypropylene material in an amount of about 30% to about 70% by weight. The polypropylene material includes at least one lubricant in an amount of about 10 to about 20 parts per 100 parts of a polypropylene resin.

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